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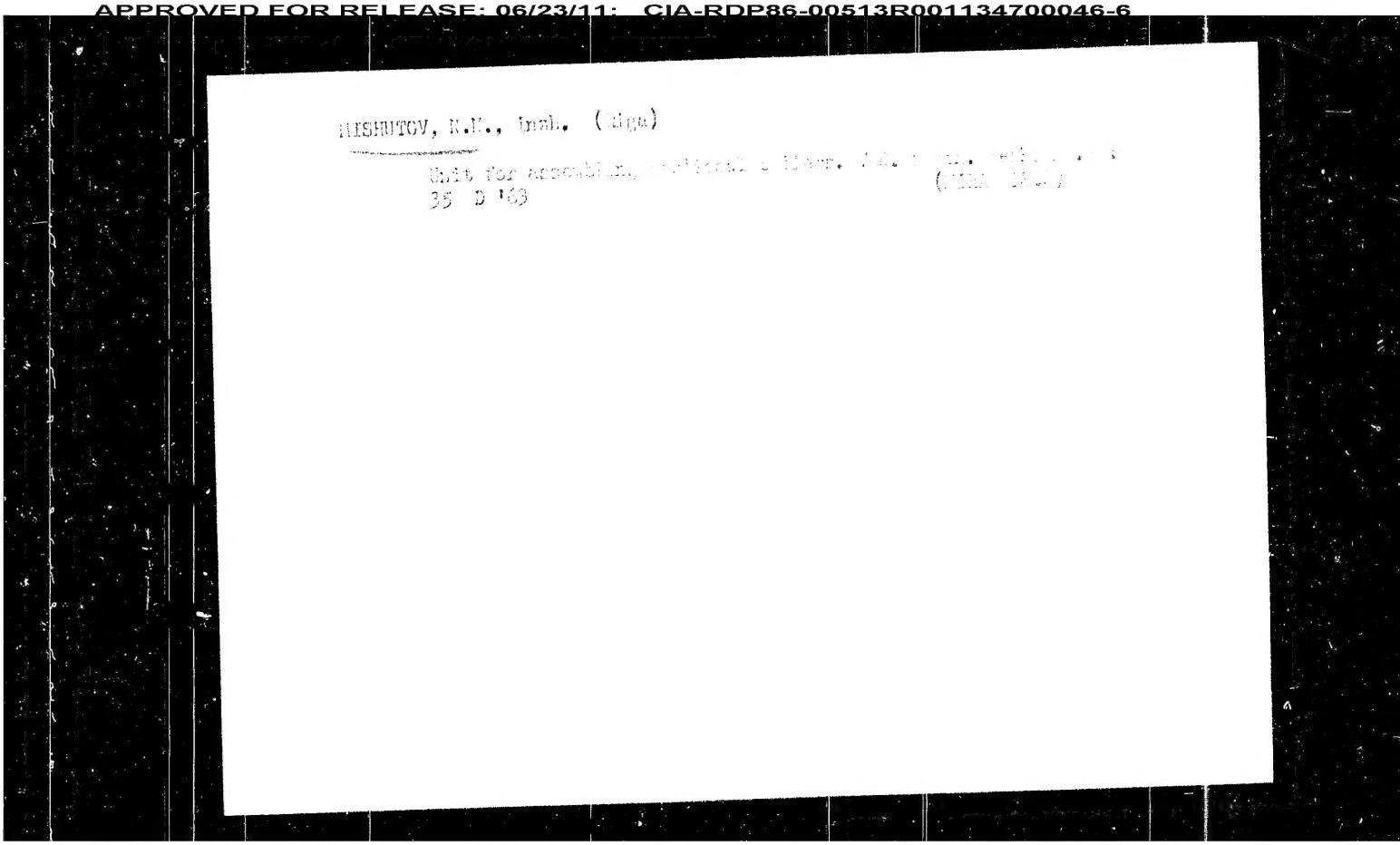

NISHNTOV, N.K., inzh. (Riga)

Unit for assembling prefabricated [illegible]
35 D '63

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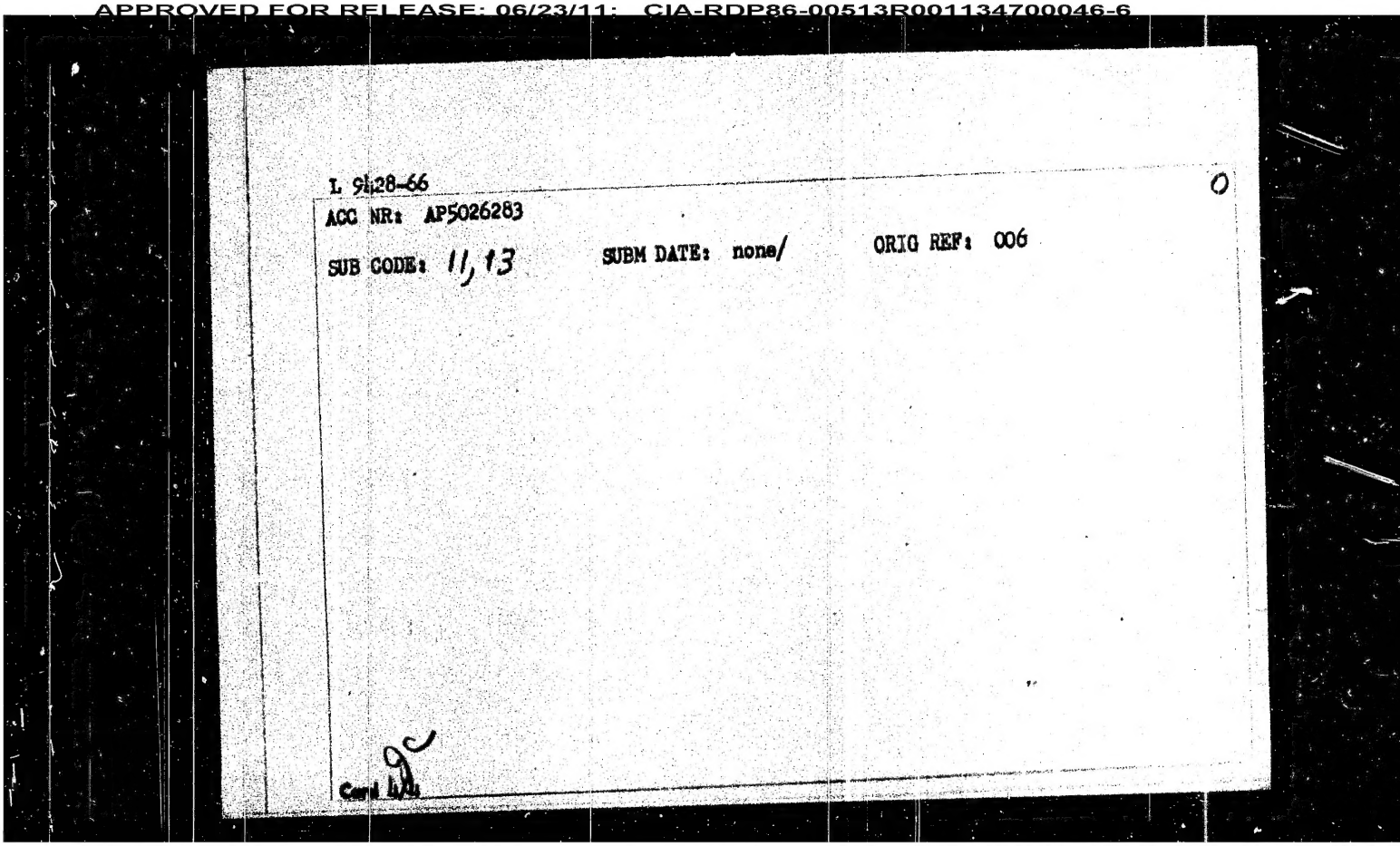

L 9428-66

ACC NR: AP5026283

SUB CODE: 11,13 SUBM DATE: none/ ORIG REF: 006

Card 1/1

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filler:

$$R_{28} = 0{,}4 \cdot R_u \left(\frac{U}{B} - 0{,}6 \right).$$

from which the water-cement ratio is

$$\frac{B}{U} = \frac{0{,}4 R_u}{R_{28} + 0{,}24 R_u}.$$

Here R is the strength at 28 days, R_u is the activity of the cement, and the constants 0.4, 0.6, and 0.24 are empirically determined coefficients. The strength limit in compression and tension, prismatic strength, modulus of elasticity, water permeability, frost resistance, and the stability of mixes in slump and creep tests, in sea water, and unit weight constancy were evaluated for concrete types 300, 400, and 500. Tests were conducted for various cure durations of up to 365 days in length. The results of the test measurements are tabulated and the experimental apparatus and methods are briefly described. Each test mix was formed into specimens, half of which were allowed to cure naturally and the other half were steam cured (with both sets undergoing the same tests). The results indicate that sand concretes show properties favorable for use in shipbuilding. It is noted that the change of physico-mechanical properties of sand concretes with cure duration must be accounted for in ship construction plans. The author recommends testing and placing of sand concretes in actual shipbuilding conditions. Orig. art. has: 6 tables, 6 figures, and 2 formulas.

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ACC NR: AP5026283

water/cement ratio and cement input on strength and workability. Results showed (see Fig. 1) that the compressive strength limit of sand concretes at 28 days

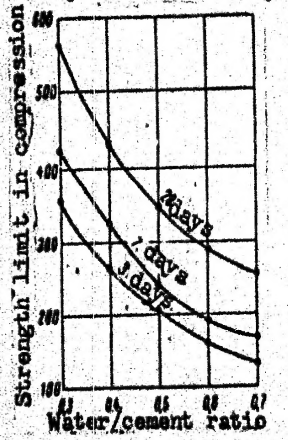

Fig. 1. Graph showing the variation of strength of sand concretes at changing water/cement ratios.

may be computed according to the formula for shipbuilding concretes with a course

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(N) L 9428-66 EWT(m)

ACC NR: AP5026283 SOURCE CODE: UR/0229/65/000/009/0051/0056

AUTHOR: Mishutin, V. A. 44,55

ORG: none

TITLE: Future use of sand concretes in the construction of reinforced concrete ships, ships of high strength cement, and in the consolidation of intersectional joints

SOURCE: Sudostroyeniye, no. 9, 1965, 51-56

TOPIC TAGS: construction material, material strength, concrete, cement, shipbuilding, compression strength, tensile strength

ABSTRACT: A prolonged (1960-1964) series of experimental studies of the physicomechanical properties of sand concretes was performed by the author to determine the range of possible uses of sand concretes in reinforced concrete shipbuilding. Materials used in preparing the sand concretes were sulfate-resistant portland cement of type 500 and quarts sand with coarseness modulus 1.8--2.1. Water/cement ratios of 0.3, 0.4, 0.6, and 0.7 were tested in order to study the effect of

UDC: 629.12.011.25

Card 1/4

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PRYSCHICHENKO, Yu.I., kand.tekhn.nauk; MISHUTIN, V.A., inzh.

Increasing the strength and water resistance of keramzit concrete.
Bet. i zhel.-bet. 8 no.5:239-241 My '62. (MIRA 15:6)
(Lightweight concrete) (Iron oxide)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, I.

Formula and manufacture of porous rubber. (From foreign journals).
Leg.prom. 16 no.1:55-56 Ja '56. (MLRA 9:6)
(Rubber, Synthetic)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D.A.

Precipitation pattern in main synoptic processes. Izv. vses. geog. ob-va 92 no.6:521-524 N-D '60. (MIRA 14:1)
(Dnepropetrovsk Province—Precipitation (Meteorology))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D.A.

Role of altitudinal humidity fields in the formation of rains and storms. Trudy Ukr.NIGMI no.11:60-70 '59.
(MIRA 13:3)

(Rain and rainfall)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D.A.

Some aerosynoptic characteristics of radar-detected rain and storm regions. Trudy UkrNIGMI no.11:52-59 '59.
(MIRA 13:3)

(Radar meteorology)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D.A., kand. geogr. nauk (Kiyev).

"Miracles" in the atmosphere. Nauka i zhizn' 25 no.2:49-52 F '58.
(Meteorology) (MIRA 11:3)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D.A., kand.geograf.nauk

Shining crosses and swords in the skies. Nauka i zhyttia 8
no.5:38-40 My '58. (MIRA 13:4)
(Meteorological optics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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"Miracles" in the Atmosphere 25-2-18/43

There are five sketches.

AVAILABLE: Library of Congress

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUTIN, D. A.

25-2-18/43

AUTHOR: Mishutin, D.A., Candidate of Geographical Sciences (Kiyev)

TITLE: "Miracles" in the Atmosphere ("Chudesa" v atmosfere)

PERIODICAL: Nauka i Zhizn', 1958, # 2, pp 49 - 52 (USSR)

ABSTRACT: Today the causes of many atmospheric phenomena have been disclosed by scientific research. Leading scientists such as M.V. Lomonosov, D.I. Mendeleyev, N. Ye. Zhukovskiy and K.E. Tsiolkovskiy, who to a large extent helped to solve these problems, are to be mentioned in this connection. Scientific research on the atmosphere of the earth represents one of the most important pillars of the materialistic conception of the world and at the same time proves the incompetence of religious concepts in explaining the causes of natural phenomena. Knowing the mechanism of atmospheric processes, it might even be possible in the future to exert a certain influence on the weather - the sputniks are of great importance in this connection. Successful experiments have already been carried out in this field by the USSR.

Card 1/2

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MISHUTIN, D.A., kandidat geograficheskikh nauk; PIKUSH, N.V., kandidat tekhnicheskikh nauk.

Unusual shower. Priroda 46 no.6:125 Je '57. (MLRA 10:7)

1. Ukrainskiy nauchno-issledovatel'skiy gidrometinstitut (Kiyev).
(Nikolayev--Rain and rainfall)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUTIN, D.A.

Occurrence of heavy flood-causing rain in Transcarpathia. Trudy Ukr. NIGMI no.8:150-155 '57. (MIRA 11:6)
(Transcarpathia--Rain and rainfall)

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The Disastrous Cloudburst in Nikolayev

The condition of the atmosphere over Nikolayev at 1700 hours on 6/30/1955 is explained in Fig. 3, and the air temperature changes in Fig. 4. The probable causes of the cloudburst are explained on scientific bases.

1 table, 2 charts and 2 graphs.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

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Card 2/2

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MISHUTIN, D. A.

AUTHORS: Lebedeva, N. V.; Mishutin, D. A.; Pikush, N. V.

TITLE: The Disastrous Cloudburst in Nikolayev (Katastroficheskiy liven' v Nikolayeve)

PERIODICAL: Meteorologiya i Gidrologiya, 1957, Nr 1, pp 37-41 (U.S.S.R.)

ABSTRACT: The force and effects of a terrific cloudburst (with lightning and hail) which occurred on June 30, 1955, in Nikolayev and its surroundings during which time from 165.0 to 195.0 mm of water were deposited, are described. Table 1 shows the amounts of precipitation deposited in various points of the region affected. The dynamics of the storm according to pluviograph recordings are analyzed. Many homes were flooded, many damaged, and some completely destroyed. The asphalt sidewalks on many streets were demolished, stone bridges were washed away and trolley car lines damaged. The water depth in some places reached up to 1 - 1.5 meters, the depositions in some streets were 0.5 - 0.7 m. Railroad causeways were washed out in many places and the crops suffered immensely. Large numbers of wild life (rabbits, birds) were killed. It was the first case in 150 years of meteorological observations that the Nikolayev region has seen such a cataclysm. Chart in Fig. 1 shows the distribution of precipitation in the Nikolayev region on 6/30/1955. Fig. 2 shows the weather chart at 2100 hrs. on that memorable day.

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(except for the years 1941 to 1943). The article also contains data on the mid-month totals of precipitation in the Dnepropetrovskaya Oblast' for the period from 1936 to 1940, and on the probability of fogs originating in this area during the passage of the fronts in the same period of time. The number of days with a frontal type of weather was found to be 132.4 (36 percent of all the days in a year). An average length of time taken by a front to pass was found to be more or less uniform throughout the year. The greatest average length of a cold front passage was observed in January (1.7 of a day), of a warm front passage, in February (1.1 day), of occlusional and secondary fronts, in March and April (1.7 day). Frontal precipitation occurs in the Dnepropetrovskaya Oblast' only in May and June. This precipitation constitutes intramass rainfalls. The probability of frontal fogs decreases from winter to summer (except for the month of February), and then increases and reaches its maximum in the fall. The decrease in the probability is related to the intensification of cyclonic activity which produces strong winds.

Card 2/2

A. B.

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14-57-7-14730

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7, p 77 (USSR)

AUTHOR: Mishutin, D. A.

TITLE: Data on the Atmospheric Fronts in the Ukrainian Steppes (Nekotoryye dannyye ob atmosfernykh frontakh stepnoy chasti Ukrainy)

PERIODICAL: Tr. Ukr. n.-i. gidrometeorol. in-ta, 1956, Nr 5, pp 225-228

ABSTRACT: The author calculated the number of days with a frontal type of weather in the steppe part of the UkrSSR and the period of time taken by various types of fronts to pass over this territory in different seasons. He obtained data for these calculations from the daily synoptical charts of the Leningrad Weather Bureau, for the period from 1936 to 1946

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MISHUTIN, D.A.

MISHUTIN, D.A.

Synoptic conditions for flood producing rains in Transcarpathia. (MIRA 10:9)
Trudy Ukr. NIGMI no.5:126-149 '56.
(Transcarpathia--Rain and rainfall)

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MISHUTIN, D. A.

3

(1) Geo

Meteorological Abst.
Vol. 5 No. 1
Jan. 1954
Part 1
Structure and Physics
of the Atmosphere

5.1-150 ✓ 551.515.8(47):551.577

Mishutin, D. A., "Snazhe" atmosfernye fronty v iuzhnykh stepiakh Ukrainy. ["Dry" atmospheric fronts in the southern steppes of the Ukraine.] *Meteorologiia i Gidrologiia*, No. 6:35-36, 1952. [In Russian] [U.S.] Frequency of cases when the fronts passed over the territory without [illegible] specially investigated. It was found that in about 4% of cases the move[illegible] [illegible]um and occluded) was not accompanied by precipitation. This phenom[illegible] [illegible]arly observed during Aug. (up to 75% cases were precipitation free). [illegible] [illegible]ved that increasing irrigation and water surfaces can create an impulse which [illegible] these "dry" fronts into normal ones. *Subject Headings:* 1. Frontal type precipitation — 2. Southern Ukraine, U.S.S.R.—*N.T.Z.*

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ACCESSION NR: AP3014340

activity in relation to copper and its alloys as the result of using a less reactive foaming agent. Corrosion activity is also lowered by reducing the catalyst by half. VPG-3 with its low specific weight (0.3-0.4 g/cm^3) is of interest in applications requiring minimum weight and high pliability. This low specific weight is made possible by using a fine powder quartz filler which intensifies gas formation and ensures formation of a microporous structure. The increased reaction rate reduces VPG-3 life to 10 min or less. VPG-3 corrosion activity is the same as for the older VPG-1 and VPG-2. The foamed sealing compounds adhere well to metals (stainless steel, titanium, aluminum, and magnesium alloys, silver, and tin plate), inorganic glass, and certain plastics. These compounds have been successfully used to seal radio electronic equipment and offer opportunities for application in other fields. Orig. art. has: 3 tables.

ASSOCIATION: None.

SUBMITTED: 00	DATE ACQ: 02Dec63	ENCL: 00
SUB CODE: MA	NO REF SOV: 000	OTHER: 000

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

ACCESSION NR: AP3014340 S/0193/63/000/011/0017/0020

AUTHOR: Kozlovskaya, L. N.; Mishustina, V. V.

TITLE: Sealing materials for radio electronics equipment

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 11, 1963, 17-20

TOPIC TAGS: foamed plastics, porous structure, porous plastic, lifetime, plastic to metal adhesive, dielectric properties, calking compound, sealing compound, adhesive, hermetic sealing, high temperature, high humidity, radio electronics equipment, organosilicon polymer, foamed sealing compound, VPG 1 foamed sealing compound, VPG 2 foamed sealing compound, elastomer, VPG 2L porous elastomer, VPG 3, adhesion

ABSTRACT: In 1961 the authors developed foamed sealing compounds VPG-1 and VPG-2 with working temperatures of -60+250°C, low specific weight (0.4-0.7 g/cm^3), elasticity, and high dielectric properties. The new VPG-2L and VPG-3 foamed sealing compounds offer improved modifications. VPG-2L is reported to have a life of 50-90 min at 20°C (VPG-2 had a life of 10-20 min at 20°C) and lower corrosion

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MISHUSTINA, V.K.

Modification of position of cardinal temperature points in geographic races of Bacterium mycoides from the effect of culture media. Mikrobiologiia, Moskva 19 no.3:226-228 My-Je '50. (CLML 19:3)

1. Institute of Microbiology, Academy of Sciences USSR, Moscow.

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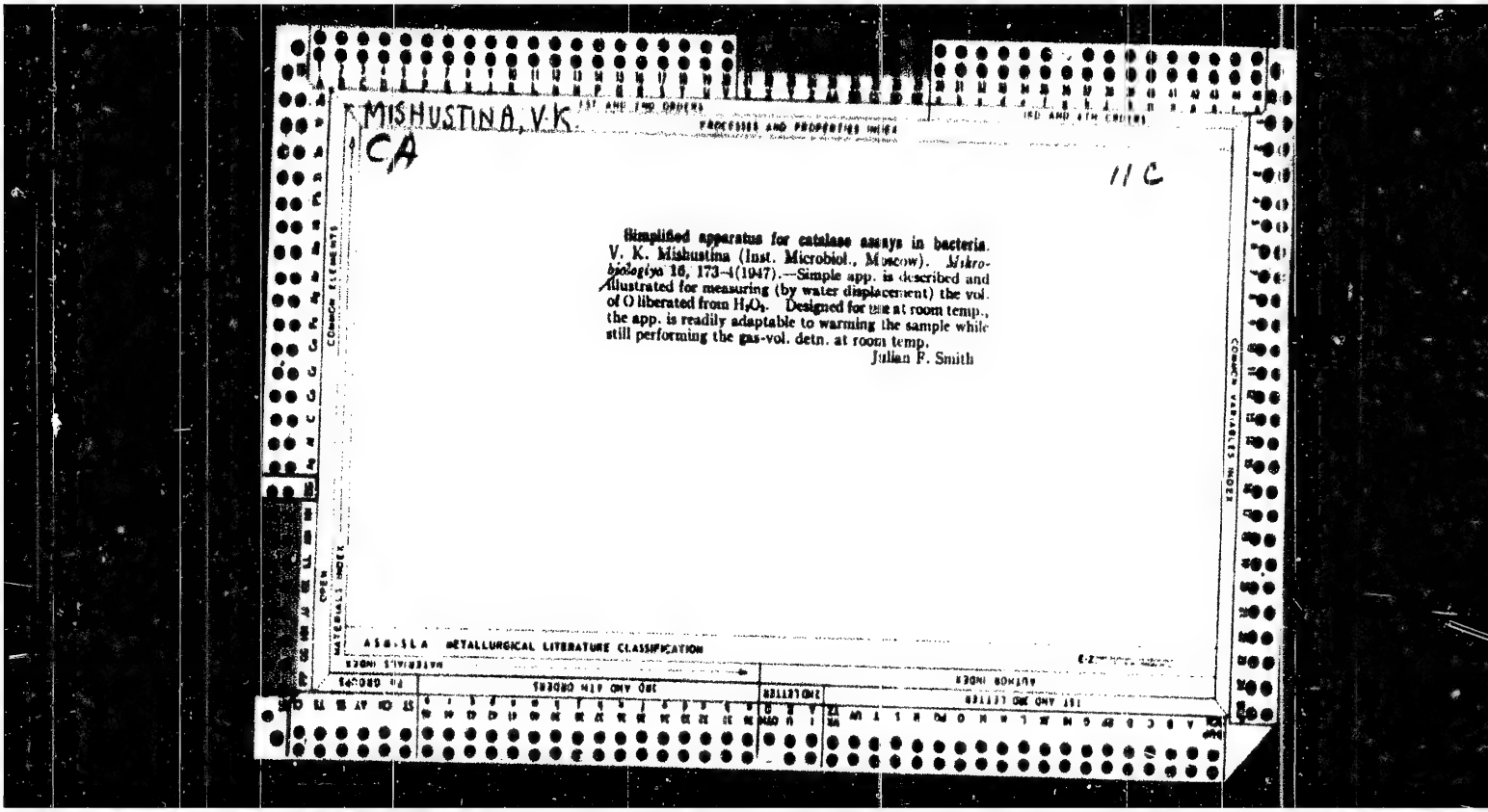

MISHUSTINA, V.K.

CA

11C

Simplified apparatus for catalase assays in bacteria. V. K. Mishustina (Inst. Microbiol., Moscow). *Mikrobiologiya* 16, 173–4(1947).—Simple app. is described and illustrated for measuring (by water displacement) the vol. of O liberated from H_2O_2. Designed for use at room temp., the app. is readily adaptable to warming the sample while still performing the gas-vol. detn. at room temp.

Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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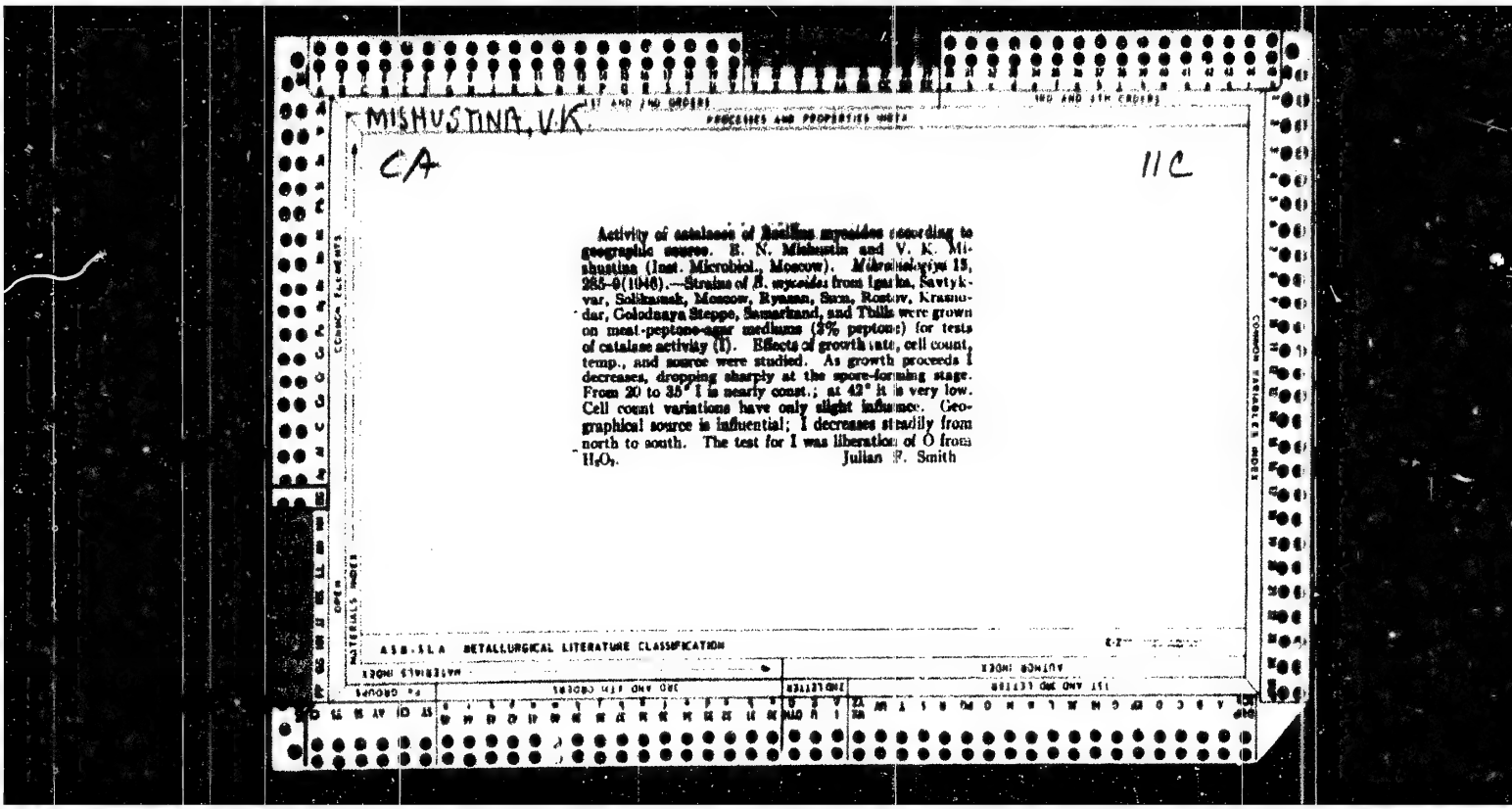

MISHUSTINA, V.K.

CA

11C

Activity of catalases of Bacillus mycoides according to geographic source. E. N. Mishustin and V. K. Mishustina (Inst. Microbiol., Moscow). *Mikrobiologiya* 15, 265-9(1946).—Strains of *B. mycoides* from Igarka, Savtykvar, Solikamsk, Moscow, Ryazan, Sura, Rostov, Krasnodar, Golodnaya Steppe, Samarkand, and Tbilisi were grown on meat-peptone-agar mediums (3% peptone) for tests of catalase activity (I). Effects of growth rate, cell count, temp., and source were studied. As growth proceeds I decreases, dropping sharply at the spore-forming stage. From 20 to 35° I is nearly const.; at 42° it is very low. Cell count variations have only slight influence. Geographical source is influential; I decreases steadily from north to south. The test for I was liberation of O from H_2O_2.

Julian P. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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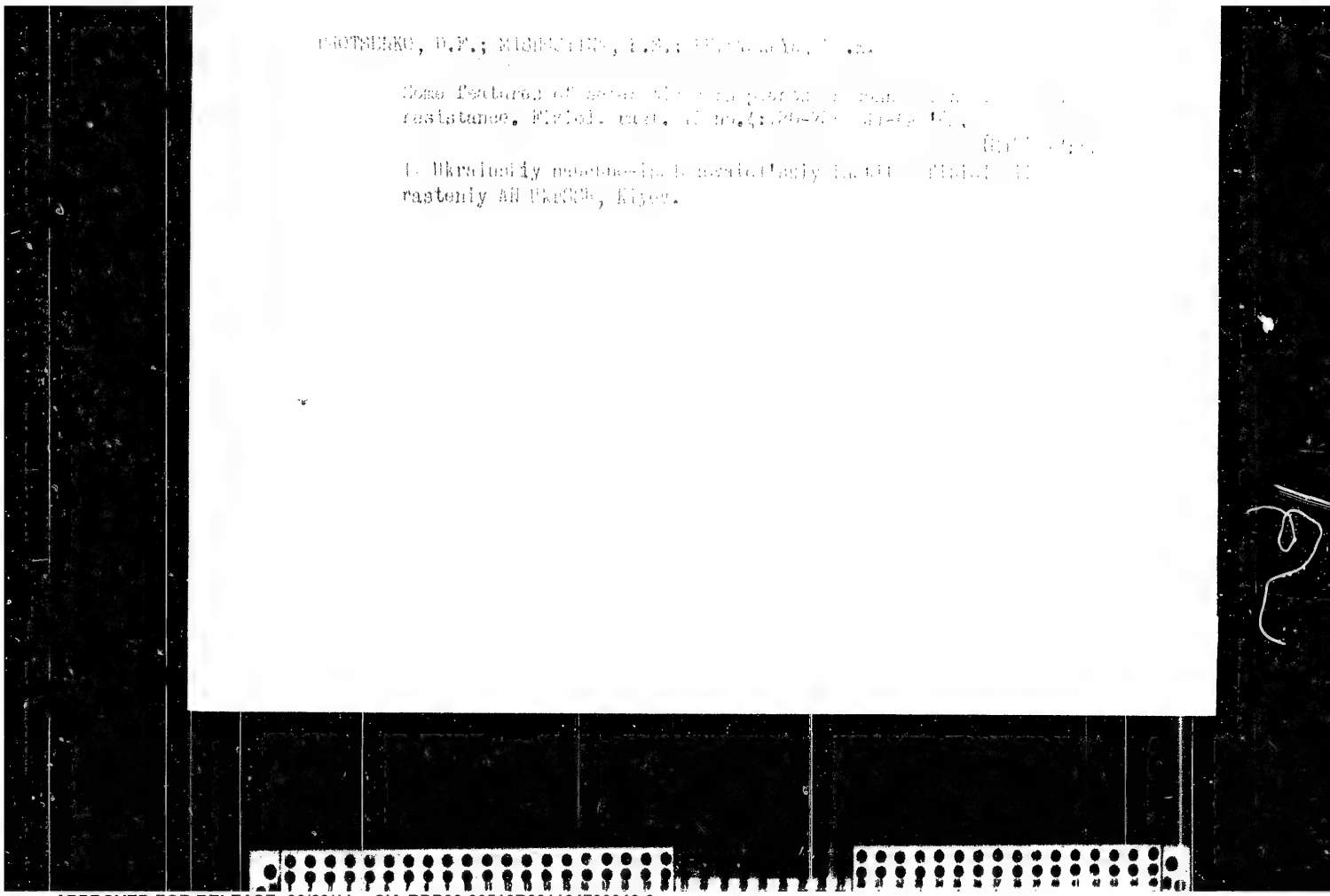

PROTSENKO, D.F.; MISHCHENKO, I.S.; [illegible]

Some features of [illegible] resistance. Fiziol. rast. 7 no.4:[illegible] (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy [illegible] rastenly AN USSR, Kiyev.

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PROTSENKO, Dmitriy Filippovich; MISHUSTINA, Polina Semenovna; VLASYUK, P.A., akademik, otv. red.; KIREYEV, F.N., red.; POTOTSKAYA, L.A., tekhn. red.

[Cold resistance of corn]Kholodostoikost' kukuruzy. Otv. red. P.A.Vlasiuk. Kiev, Gossel'khozizdat, USSR, 1962. 210 p. (MIRA 16:4)

1. Akademiya nauk Ukr. SSR i Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Vlasyuk).
(Corn (Maize)) (Plants—Frost resistance)

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MISHUSTINA, P.G., kand.med.nauk

Toxicoallergic complications in streptomycin therapy [with summary in English]. Vest.oft. 71 no.5:33-38 S-O '58 (MIRA 11:10)

1. Kafedra glaznykh bolezney II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova (zav. - prof. N.A. Pletneva).
(STREPTOMYCIN, inj.eff.
toxicoallergic reaction (Rus))
(ALLERGY,
to streptomycin (Rus))

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MISHUSTINA, P.G.

Treatment of ocular tuberculosis with streptomycin. Vest. oft., Moskva 32 no. 1:35-41 Jan-Feb 1953. (CLML 24:1)

1. Candidate Medical Sciences. 2. Of the Clinic for Eye Diseases (Director -- Prof. N. A. Pletneva), Second Moscow Medical Institute imeni I. V. Stalin.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUSTINA, P.G.

Streptomycin permeability in the eye on various methods of administration. Vest.oft. 30 no.1:19-26 Jan-Feb 51. (CLML 20:6)

1. Candidate Medical Sciences. 2. Of the Clinic for Diseases of the Eye (Head of Staff -- Prof.N.A.Pletneva), Second Moscow Medical Institute imeni I.V.Stalin.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUSTINA, P.G.

Sulfonamides in ophthalmology. Uchen. zapiski vtor. moskov. med. Inst. Stalina Vol 2:124-133 1951. (CLML 21:4)

1. Candidate Medical Sciences. 2. Clinic for Eye Diseases (Director Prof. N.A. Pletneva).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUSTINA N.Ye.

MISZUSTINA, N.Ye.

Characteristics of mineral nutrition in corn. Izv. AN SSSR Ser. biol. 28 no.5:755-762 S-O'63 (MIRA 16:11)

1. Institute of Plant Physiology, Academy of Sciences of the U.S.S.R., Moscow.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

SHAKHOV, A.A.; MISHUSTINA, N.Ye.; SHAYDUROV, V.S.

Diurnal dynamics of pigments in plants of polar regions. Izv. AN SSSR. Ser.biol. no.2:279-286 Mr-Ap '60. (MIRA 13:6)

1. Institute of Plant Physiology, Academy of Sciences of the U.S.S.R., Moscow.
(ARCTIC REGIONS--PLANTS, EFFECT OF LIGHT ON)
(COLOR OF PLANTS)

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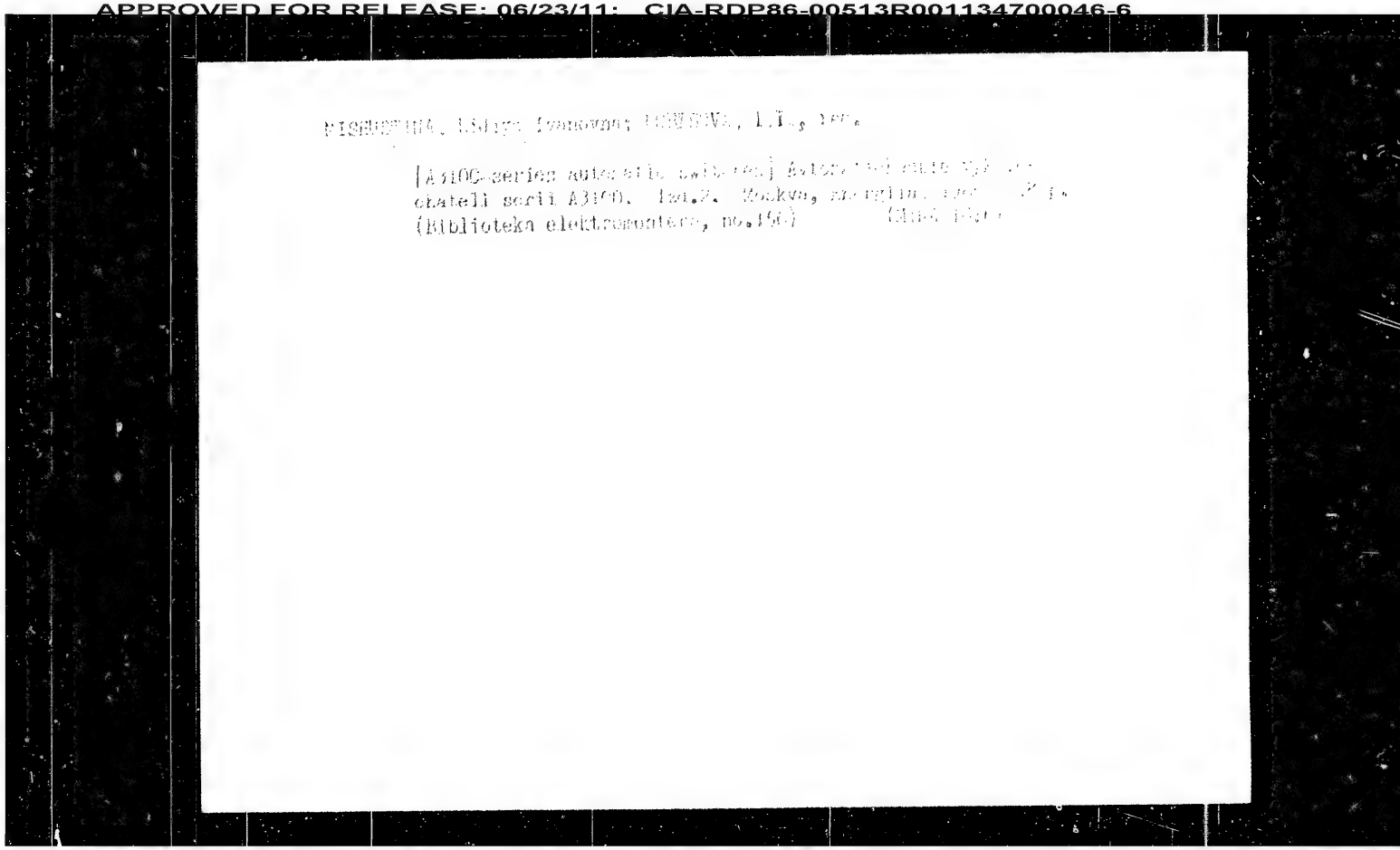

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MISHUSTINA, Lidiya Ivanovna; DUNAYEV, A.S., red.; BORUNOV, N.I., tekhn. red.

[Automatic adjustable A3100 air switches] Vozdushnye avtomaticheskie ustanovochnye vykliuchateli serii A3100. Moskva, Gos. energ. izd-vo, 1961. 31 p. (Biblioteka elektromontera, no.37)
(MIRA 14:9)

(Electric switchgear)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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KRISS, A.Ye.; MISHUSTINA, I.Ye.; MITSKEVICH, I.N.; ZEMTSOVA, E.V.; IMSHENETSKIY, A.A., akademik, otv. red.; GOL'DIN, M.I., red.izd-va; GUSEVA, A.P., tekhn. red.; KISELEVA, A.A., tekhn. red.

[Microbial population of the Pacific Ocean; species and geographical distribution] Mikrobnoe naselenie mirovogo okeana; vidovoi sostav, geograficheskoe rasprostranenie. Moskva, Izd-vo "Nauka," 1964. 295 p. (MIRA 17:1)

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MISHUSTINA, I.Ye.; MITSKEVICH, I.N.

Distribution of heterotrophic micro-organisms in the Greenland Sea. Izv. AN SSSR. Ser. biol. no.6:914-921 N-D '63. (MIRA 17:2)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R., Moscow.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

MISHUSTINA, I. Ye.

"Species Composition of the Microbial Population (Heterotrophs) of the World Oceans"

report presented at the 8th International Congress for Microbiology, Montreal, Canada, 19-24 Aug 62.

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KRISS, A.Ye.; MITSKEVICH, I.N.; MISHUSTINA, I.Ye.; ABYZOV, S.S.

Hydrological structure of the Atlantic Ocean, the Norwegian and Greenland Seas according to microbiological data. Mikrobiologiia 29 no.6:875-887 N-D '60. (MIRA 14:1)

1. Institut mikrobiologii AN SSSR.
(ATLANTIC OCEAN--WATER--MICROBIOLOGY)
(NORWEGIAN SEA--WATER--MICROBIOLOGY)
(GREENLAND SEA--WATER--MICROBIOLOGY)

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KRISS, A.Ye.; ABYZOV, S.S.; LEBEDEVA, M.N.; MISHUSTINA, I.Ye.; MITSKEVICH, I.N.

Geographical distribution of the microbe population (heterotrophic organisms) throughout the ocean. Izv. AN SSSR. Ser. geog. no.5: 34-41 S-O '60. (MIRA 13:10)

(Sea water--Microbiology)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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KORENYAKO, A. I.; KUCHAYEVA, A. G.; MISHUSTINA, I. Ye.

Distribution of actinomycetic antagonists in soils of Kola Peninsula. Mikrobiologiia 24 no.1:62-66 Ja-F '55. (MLRA 8:4)

1. Institut mikrobiologii Akademii nauk SSSR, Moskva.
(SOIL, bacteriology,
Actinomyces antag.)
(ACTINOMYCES, antagonists,
in soil)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTINA, I.Ye.

Oligonitrophilic microorganisms in soil. Trudy Inst. mikrobiol. no.4:110-129 '55. (MLRA 9:1)
(SOIL, bacteriology,
oligonitrophilic microorganisms)

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MISHUSTINA, I. YE. -- "Oligonitrophilic Soil Microorganisms." [illegible] Microbiology, Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev, Acad Sci USSR. Moscow, 1953. (Dissertation For the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 1, 1956, pp 102-120, 124

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MISHUSTIN, Ye.N.; KRYLOVA, N.B.

Molybdenum requirement by free living nitrogen-fixing bacteria.
Mikrobiologiia 34 no.4:623-628 Jl-Ag '65.
(MIRA 18:10)

1. Institut mikrobiologii AN SSSR i Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTIN, Ye.N.

Eighth International Congress of Soil Scientists. Mikrobiologiia 34 no.2:377-380 Mr-Ap '65. (MIRA 18:6)

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MISHUSTIN, Ye.N.; GILAROV, M.S.

Problems of soil biology at the 8th International Congress of Soil Scientists. Pochvovedenie no.9:85-88 My '64.

(MIRA 18:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTIN, Ye.N.

International colloquium on nitrogen metabolism in soil. Izv. AN SSSR. Ser. biol. no.4:600-602 Jl-Ag '65. (MIRA 18:7)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTIN, Ye.N.; TEPPER, Ye Z.

Autochthonous and zymogenic groupings of soil microflora.
Mikrobiologiia 33 no.4:647-652 Jl-Ag '64. (MIRA 18:3)

1. Institut mikrobiologii AN SSSR i Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni Timiryazeva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTIN, Ye.N.; MAR'YENKO, V.G.

Effect of the Azotobacter chroococcum culture on the yield of farm crops. Mikrobiologiia 34 no.5:863-867 S-O '65.
(MIRA 18: 10)

1. Institut mikrobiologii AN SSSR i Sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.

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MISHUSTIN, Ye.N.; VOSTROV, I.S.; NIKITIN, D.I.; YEROFEYEV, N.S.

Role of aerobiosis in the formation of [illegible]
Mikrobiologiia 34 no.3:499-507 My-Je '65.
(MIRA 18:7)

1. Institut mikrobiologii AN SSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700046-6

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MISHUSTIN, Ye.N.; MIRZOYEVA, V.A.

Sporeforming bacteria in the soils of the Soviet Union. Izv. AN SSSR. Ser. biol. no.5:682-691 S-O '65. (MIRA 18:9)

1. Institut mikrobiologii AN SSSR.

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MISHUSTIN, Ye.N.

Problems of soil biology at the Eighth International Congress of Soil Scientists in Bucharest. Izv. AN SSSR. Ser. biol. no.2:304-310 Mr-Ap '65. (MIRA 18:4)

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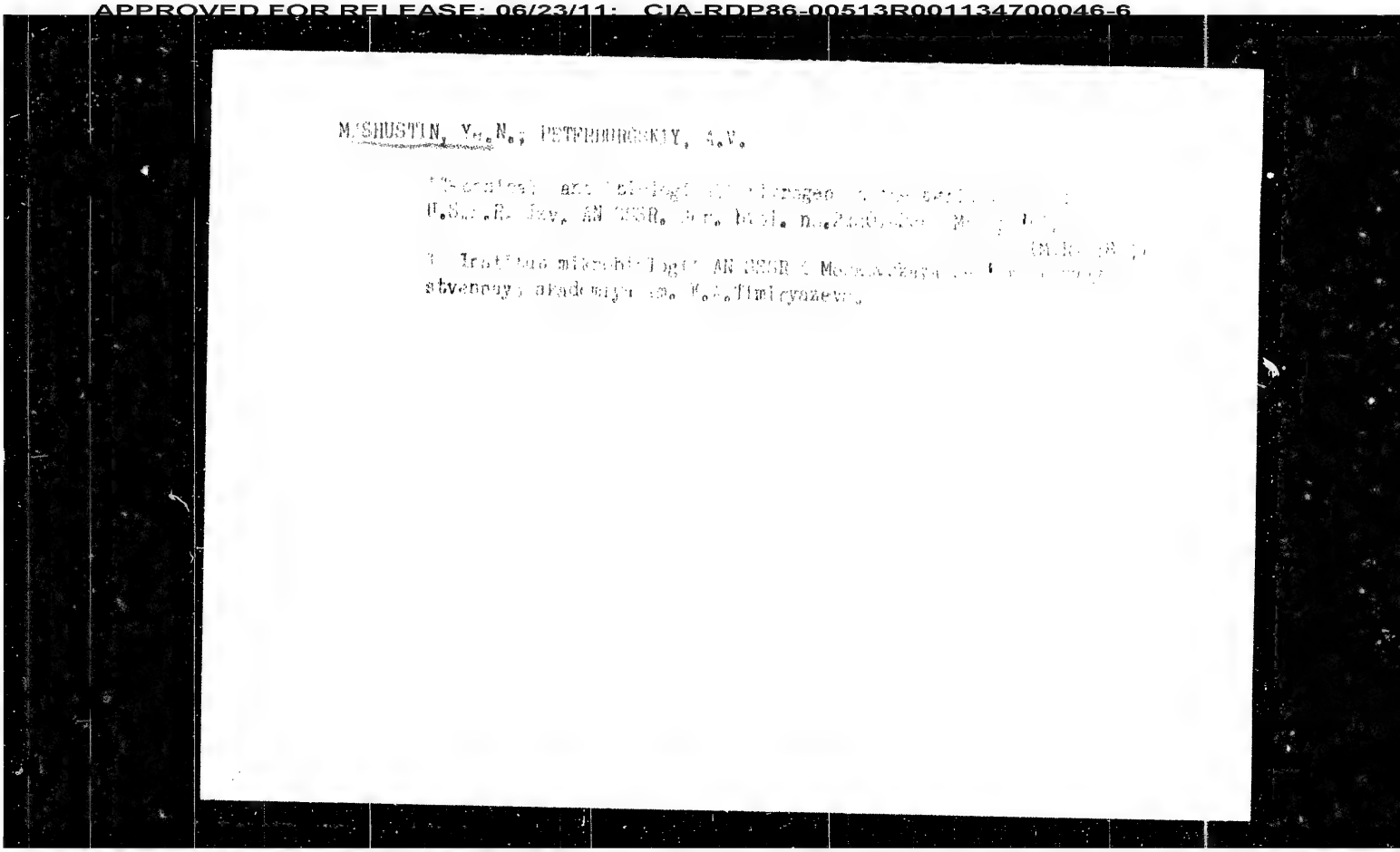

M/SHUSTIN, V.N.; PETERBURGSKIY, A.V.

"Quantitative and biological [illegible]"

V.S.-R. Zav. AN USSR. Pro. Biol. n.-Issledovatel'skoye [illegible]

[illegible] mikrobiologii AN USSR i Moskovskiy [illegible] stvennyy akademiya im. K.A.Timiryazeva.

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MISHUSTIN, Ye.N.; SHEMAKHANOVA, N.M.

Mycorrhiza of woody plants in practical forestry. Mikrobiologiia 33 no.6:997-1002 N-D '64. (MIRA 18:4)

1. Institut mikrobiologii AN SSSR.

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MISHUSTIN, Ye.N.

Chemicalization of agriculture and the objectives of soil biology. Izv. AN SSSR. Ser. biol. no.6:809-820 N-D '64.
(MIRA 17:11)

1. Institute of Microbiology, Academy of Sciences of U.S.S.R., Moscow.

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MISHUSTIN, Ye. N.

"Geographical factors affecting the distribution of soil bacteria."

report submitted for Symp on Ecology of Soil Bacteria, Liverpool, UK, 6-10 Sep 1965.

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MISHUSTIN, Ye.N.; NAUMOVA, A.N., kand. biolog. nauk; MAKUYENKO, V.G., aspirantka

Effect of Azotobacter on plants. Izv. TSKHA no.3:117-123 '57.
(MIRA 10:8)

1. Kafedra mikrobiologii Moskovskoy sel'skokhozyaystvennoy akademii imeni Timiryazeva.

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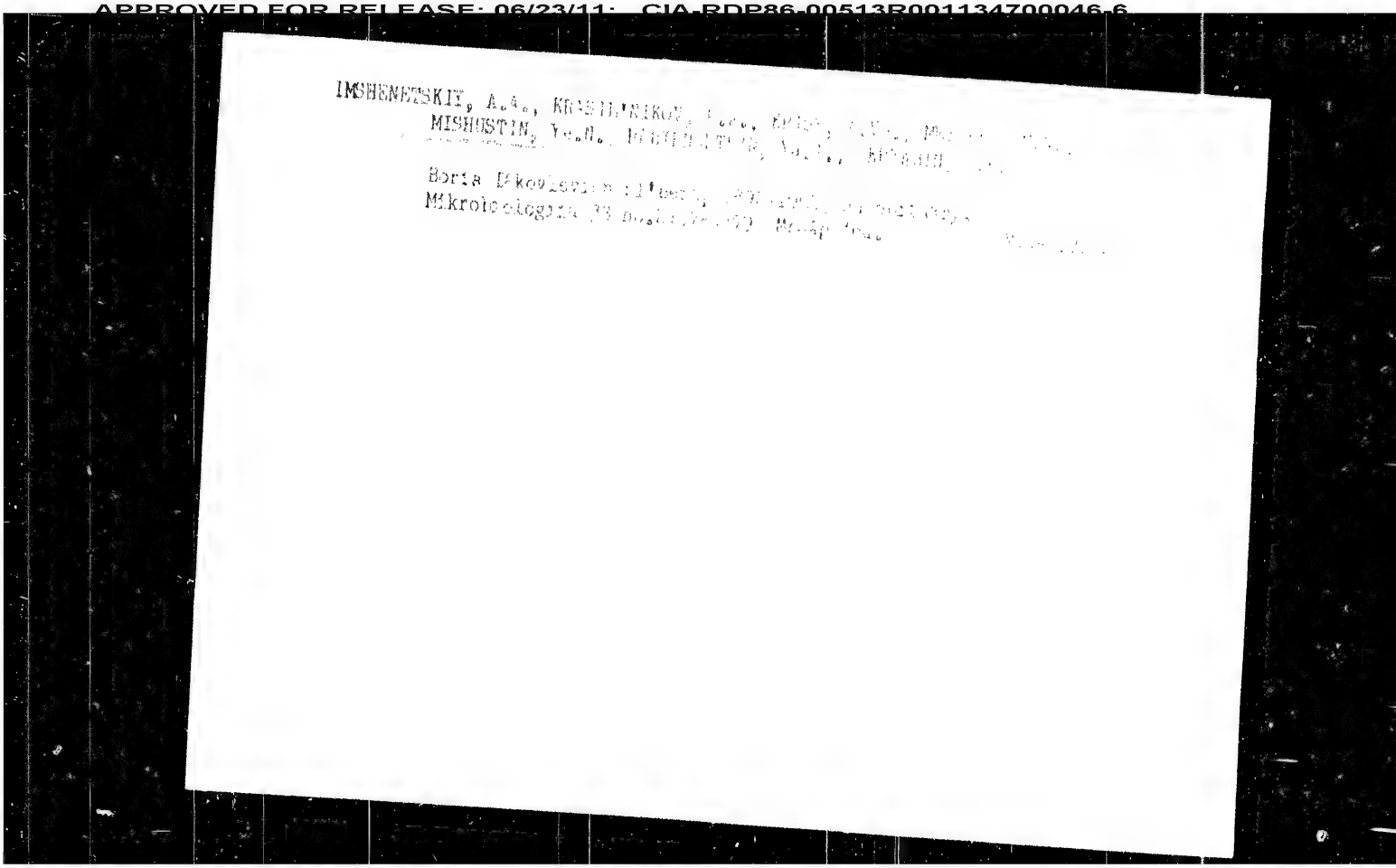

IMSHENETSKII, A.A., KRASIL'NIKOV, [illegible]
MISHUSTIN, Ye.N., [illegible]

Boris Dikovskiy [illegible]
Mikrobiologiya [illegible]

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MISHUSTIN, Ye.N.

Effectiveness of mycorrhiza formation in practical forestry.
Izv. AN SSSR Ser. biol. 29 no.1:57-71 Ja-F '64 (MIRA 17:3)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R., Moscow.

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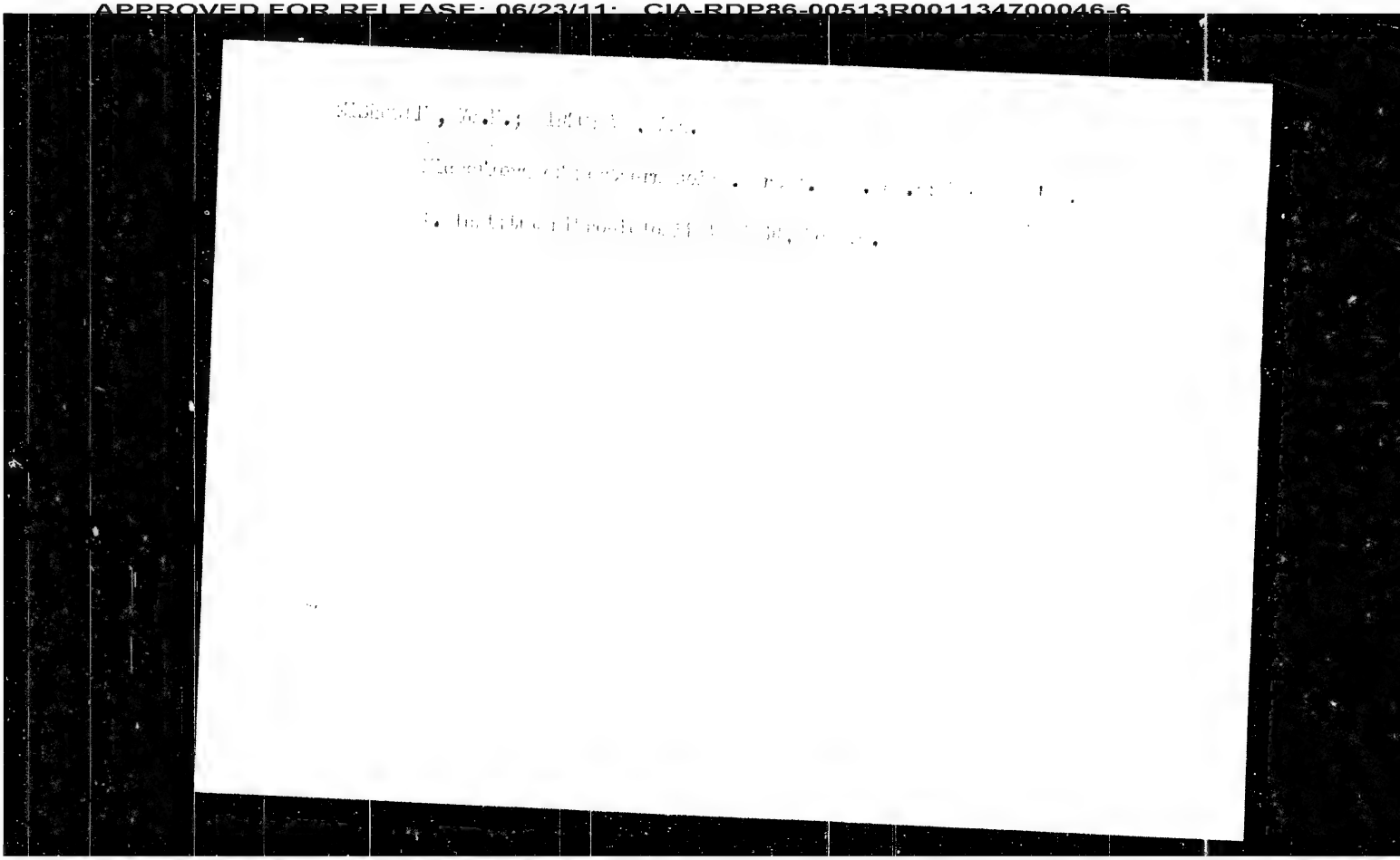

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MISHUSTIN, Ye.N.

Chemicalization of agriculture and the objectives of soil biology. Izv. AN SSSR. Ser. biol. no.6:809-820 N-D '64.
(MIRA 17:11)

1. Institute of Microbiology, Academy of Sciences of U.S.S.R., Moscow.

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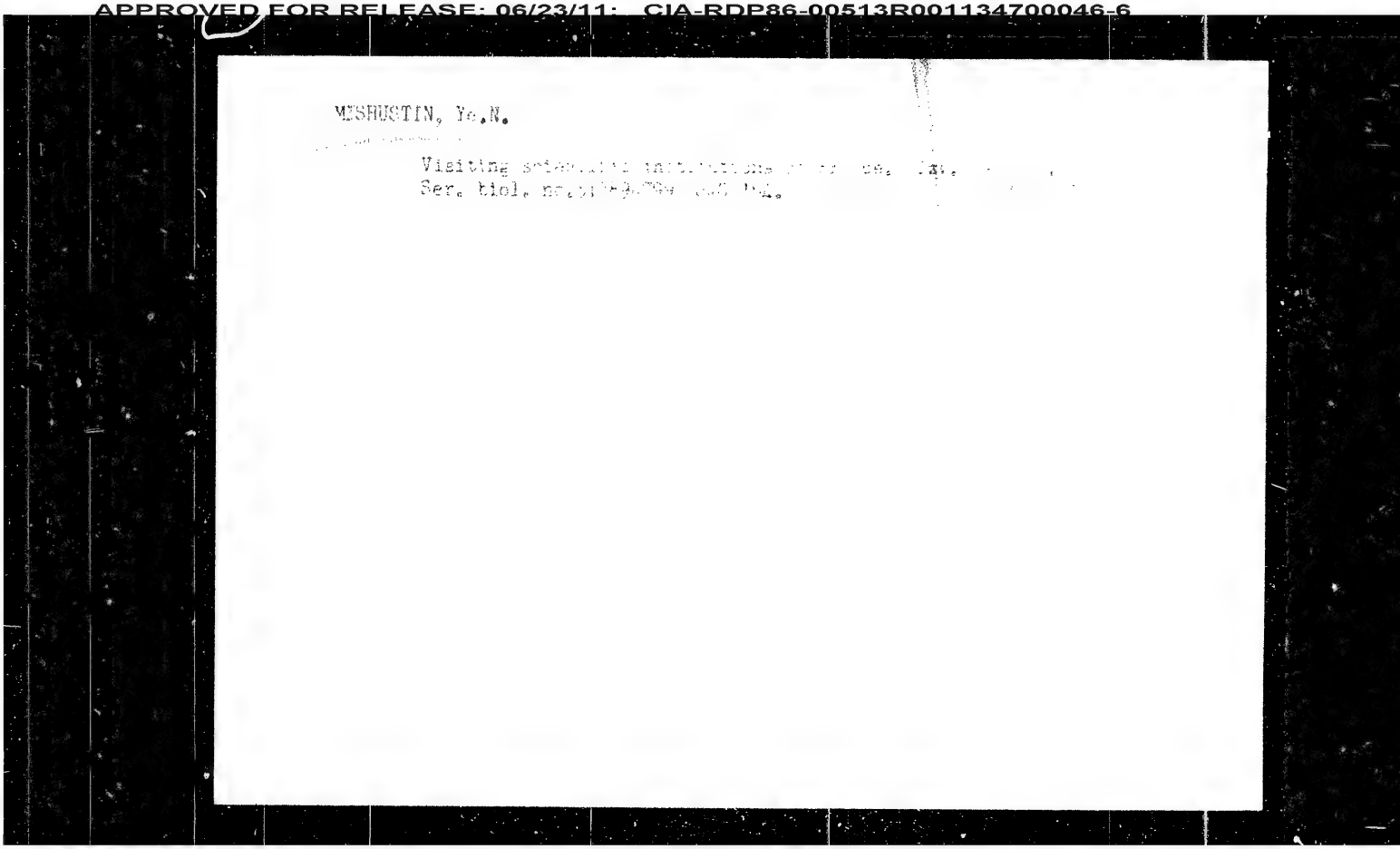

MESHUSTIN, Ye.N.

Visiting scientific institutions [illegible]
Ser. biol. no.[illegible]

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AHACHIKYAN, L.A.; MISHUSTIN, Ye.N., rukovoditel' raboty

Distribution of cellulose-decaying actinomycetes in semi-desert stony soils of the Armenian S.S.R. Izv. AN SSSR. Ser. biol. no.5:740-744 S-O '64. (MIRA 17:9)

1. Armyanskiy nauchno-issledovatel'skiy institut vinogradarstva, vinodeliya i plodovodstva, Yerevan. 2. Chlen-korrespondent AN SSSR (for Mishustin).

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MISHUSTIN, Ye.N.

Pasteur Institute in Paris. Izv. AN SSSR. Ser. biol. no.3:480-481 My-Je '64. (MIRA 17:5)

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MISHUSTIN, Ye.N.

Effect of herbicides on the microbiological processes in soils.
Izv. AN SSSR Ser. biol. no.2:197-209 Mr-Ap'64 (MIRA 17:3)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R., Moscow.

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GERASIMOV, I.P., akademik, glav. red.; RODE, A.A., red.; ANTIPOV-KARATAYEV, I.N., red.; KONONOVA, M.M., red.; MISHUSTIN, Ye.N., red.; GORBUNOV, N.I., red.; YEROKHINA, A.A., red.

[Physics, chemistry, biology and mineralogy of the soils of the U.S.S.R.; report at the Eighth International Congress of Soil Scientists] Fizika, khimiia, biologiia i mineralogiia pochv SSSR: doklady k VIII Mezhdunarodnomu kongressu pochvovedov. Moskva, Nauka, 1964. 393 p. (MIRA 17:9)

1. Vsesoyuznoye obshchestvo pochvovedov. 2. Prezident Vsesoyuznogo obshchestva pochvovedov(for Gerasimov). 3. Pochvennyy institut im. V.V.Dokuchayeva, Moskva (for Antipov-Karatayev, Gorbunov). 4. Institut mikrobiologii AN SSSR, Moskva (for Mishustin).

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MISHUSTIN, Ye.N.

Bacterial fertilizers and their effectiveness. Mikrobiologiia 32 no.5:911-917 S-O'63 (MIRA 17:2)

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MISHUSTIN, Ye.N.; PETROVA, A.N.

Determination of the biological activity of soils. Mikrobiologiia 32 no.3:479-483 My-Je'63 (MIRA 17:3)

1. Institut mikrobiologii AN SSSR.

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IMSHENETSKIY, A.A., akademik; MISHUSTIN, Ye.N.; LOZINOV, A.B., kand.biolog. nauk; KRINOV, Ye.L., doktor geol.-miner. nauk; KVASHA, L.G., kand. geol.-miner.nauk, starshiy nauchnyy sotrudnik; YAVNEL', A.A., kand. fiz.-mat. nauk, starshiy nauchnyy sotrudnik

Concerning reports on the "discovery" of microbes in meteorites. Biul. VAGO no.34:58-61 '63. (MIRA 17:4)

1. Direktor Instituta mikrobiologii AN SSSR (for Imshenetskiy). 2. Chlen-korrespondent AN SSSR (for Mishustin). 3. Uchenyy sekretar' Komiteta po meteoritam AN SSSR, (for Krinov). 4. Komitet po meteoritam AN SSSR (for Kvasha, Yavnel').

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MISHUSTIN, Ye.N.; TEPPER, Ye.Z., kand. biolog. nauk, dotsent

Effect of continuous crop rotation, monoculture, and fertilization on the composition of soil microflora. Izv. TSKHA no.6:85-92 '63. (MIRA 17:8)

1. Chlen-korrespondent AN SSSR (for Mishustin).

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MISHUSTIN, Ye.N.; MIRZOYEVA, V.A.

Microbiological principles of the control of the ensilage process. Izv. AN SSSR. Ser. biol. no.6:785-797 N-D '63. (MIRA 17:2)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R., Moscow.

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MISHUSTIN, Yevgeniy Nikolayevich; TRISVYATSKIY, Lev Alekseyevich; SHASKOL'SKAYA, N.D., red.; VYAZEMTSEVA, V.N., red.izd-va; DOROKHINA, I.N., tekhn.red.

[Microbes and grain] Mikroby i zerno. Moskva, Izd-vo AN SSSR, 1963. 291 p. (MIRA 17:1)

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MISHUSTIN, Ye.N.; NAUMOVA, A.N., kand. biologicheskikh nauk; MAR'YENKO, V.G., aspirant

Azotobacterin and its effectiveness. Izv. TSKHA no.4:42-54 '63.
(MIRA 17:1)

1. Institut mikrobiologii AN SSSR (for Mishustin, Naumova).
2. Chlen-korrespondent AN SSSR (for Mishutin).

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MISHUSTIN, Ye.N.

MISUSTIN, E.N.; VOSTROV, I.S.

Biological principles of tillage. Rost vyroba 9 no.7/8: 752-756 Jl-Ag '63.

1. Mikrobiologicky ustav Akademie ved SSSR, Moskva.

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FEDOROV, Mikhail Vasil'yevich, prof.; MISHUSTIN, Ye.N., red.; TETYUREVA, I.V., red.; SOKOLOVA, N.N., tekhn. red.

[Microbiology] Mikrobiologiia. Izd.7. Pod red. E.N.Mishustina. Moskva, Sel'khozizdat, 1963. 447 p. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Mishustin).
(Agricultural microbiology)

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VISHNYAKIN, Ye.N.

Agricultural microbiology at the Fifth International Microbiological Congress, Montreal, 1962. Izv. AN SSSR. Ser. biol. no.2:329-330 Mr-Ap '63. (MIRA 16:5)

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SOKOLOV, A.V.; VLASYUK, P.A.; GRINCHENKO, A.M.; GORBUNOV, N.I.; DMITRIYENKO, P.A.; KONONOVA, M.M.; MISHUSTIN, Ye.N.

Immediate tasks in studying soil fertility and ways for its increase. Pochvovedenie no.1:8-20 Ja '63. (MIRA 16:2)
(Soil fertility)

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MISHUSTIN, Yevgeniy Nikolayevich

"Trends in soil microbiology"

Reports to be submitted for the Conference on Global Impacts of Applied Microbiology, to be held in Stockholm, Sweden, from 29 Jul-3 Aug 63

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MISHUSTIN, Ye.N.; NAUMOVA, A.N.

Bacterial fertilizers, their effectiveness and mechanism of action. Mikrobiologiia 31 no.3:543-555 My-Je '62. (MIRA 15:12)
(AZOTOBACTER) (BACTERIA, PHOSPHORUS)
(FERTILIZERS AND MANURES)

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MISHUSTIN, Ye.N.

Agricultural microbiology in Great Britain. Mikrobiologiia 31 no.1:160-171 Ja-F '62. (MIRA 15:3)
(GREAT BRITAIN--BACTERIOLOGY, AGRICULTURAL)

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1. Institut mikrobiologii AN SSSR.
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1. Institute of Microbiology, Academy of Sciences of the U.S.S.R, Moscow.

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Ivanova, Kononova, Rozanov, Fridland, Sokolov). 4. Laboratoriya lesovedeniya Akademii nauk SSSR, Moskva (for Zonn). 5. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya Vsesoyuznoy ordena Lenina Akademii sel'skokhoz.nauk imeni V.I.Lenina i Institut zemledeliya akademii sel'skokhoz.nauk Belorusskoy SSR (for Kedrov-Zikhman). 6. Institut mikrobiologii Akademii nauk SSSR, Moskva (for Mishustin). 7. Nauchnyy institut po udobreniyam i insektofungitsidam im. Ya.V.Samoylova, Moskva (for Sokolov).
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